

# ENGINEERING CHANGE NOTICE

## DART AEROSPACE LTD

MPP

Date:	17.10.10	Job No.:	RD17-1049	ADR Yes/No:	N	ADR Date:		ECN #:	17- 703
Product No.:	D505-1049			Created By:	RJ	Approved By:			
Product Name:	Bell 505 Bearpaw Installation			Checked By:					

Distribution	Reqd	Resp	Initial / Date (YY/MM/DD)
Director of Operations	Y	JLM	
Production Planning Man. / Production Planner	Y	BB / MP	
Supply Chain Director / Purchasing Manager	Y	BA / CL	
Production Engineering Coord.	Y	DD	17.10.17
Production Engineering Coord.	N	DL	
Customer Order Processing	N	SL	

Distribution	Reqd	Resp	Initial / Date (YY/MM/DD)
DQA / QA Coord.	Y	PS / ED	
QC Coordinator	Y	PD	
Customer Support	Y	SW / LM	
Customer Technical Support	Y	MB / ML	
Marketing	N	WR	
Prod. Man. Solution Provider	Y	HM	

Reason for Change:  
Release for testing purpose

### Documents Affected:

D5559 Rev. A  
D5560 Rev. A  
D5566 Rev. A  
D5567 Rev. A

IF APPLICABLE: NCR: \_\_\_\_\_ PAR: \_\_\_\_\_ CAR: \_\_\_\_\_ CIR: \_\_\_\_\_ URF: \_\_\_\_\_

PAPERWORK UPDATE ☐ PARTS MUST COMPLY ☐ PREVIOUS PARTS SATISFACTORY ☐

#	Quality Assurance Actions	Reqd	Resp	Notes	Complete
1	Notify Previous Customers	N			
2	Notify Eurocopter France	N			
3	Notify Augusta Westland	N			
4	Manufacturing Licensing Agreement Update	N			

#	Engineering Actions	Reqd	Resp	Notes	Complete
5	Required Documents/Drawings/Item ID's Under Review (URF)	N			
6	Update Master Document List (MDL)	N			
7	Update Document Record (DR)	N			
8	Update Product Compatibility Matrix	N			
9	Notify TC / FAA of Change (eg. ICA, 8110-3)	N			
10					

#	Document Control Actions	Reqd	Resp	Notes	Complete
11	Move / Update Electronic Files / Design Journal	Y	KJ		17.10.12
12	Update Product Specification Files (Bluefiles)	N			
13	Update Approved/Preliminary Dwg PDF Files	Y	KJ		17.10.12
14	Update Product Development Summary (STC applications)	N			
15	Update QSI 021 (TC/FAA STC) and/or STC Approval List	N			
16	Create/Update Parts / STC Database	Y	KJ	ADDED TO PLEX MANUALLY	17.10.17
17	Update / Verify Airworthiness Release Certificate Database	Y	KJ	TBD	17.10.17
18	Create / Update Change Record Form / Item Card Database	N			
19	Create / Update Packaging Process Plan (PPP)	N			
20	Red Decals required on Packaging Process Plan (PPP)?	N			
21	Update Controlled Supplier Documents (Qpulse) Database	N			
22	Update Grey Project Binder / Electronic Project Folder	Y	KJ		17.10.12
23	Update D-Part / M-Drawing / DSI / DEO Master Binders	Y	KJ		17.10.12
24	Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's)	N			
25					

### Description / Action:

Create routes/BOMs per new drawings  
Make qty 1 of D505-1049-013 Bearpaw kit with wearplates for Flight Test (for Nov. 15); see IIN part list  
Make qty 1/2 of D505-1049-013 Bearpaw kit with wearplate for structural test (for Oct. 31); see IIN part list

NOT YET STC APPROVED

NA

ECN Verified & Complete: \_\_\_\_\_ Date: \_\_\_\_\_

**4 WEIGHT AND BALANCE**

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
<b>D505-1049-011</b> <i>Bearpaw Installation</i>	11.1 lb 5.03 kg	0.0 in 0.0 m	0.0 in-lb 0.0 m-kg	191.64 in 4.87 m	2127 in-lb 24.5 m-kg
<b>D505-1049-013</b> <i>Bearpaw Installation with Wearplates</i>	13.8 lb 6.26 kg	0.0 in 0.0 m	0.0 in-lb 0.0 m-kg	192.0 in 4.88 m	2650 in-lb 30.5 m-kg
<b>D505-1049-041</b> <i>Wearplate Kit</i>	2.7 lb 1.22 kg	0.0 in 0.0 m	0.0 in-lb 0.0 m-kg	193.0 in 4.90 m	521 in-lb 6.0 m-kg

**5 PARTS LIST**

Qty -011	Qty -013	Qty -041	Part Number	Description
X			D505-1049-011	BEARPAW INSTALLATION
	X		D505-1049-013	BEARPAW INSTALLATION WITH WERPLATES
		X	D505-1049-041	WEARPLATE KIT
8	8		D2274	Radius Block
16	20	4	D2529	Washer
4	4		D5556-1	Clamp
4	4		D5557-1	Cushion
	2	2	D5559-041	Wearplate
2	2		D5560-1	Bearpaw
	4	4	AN4-7A	Bolt
8	8		NAS1801-4-30	Bolt
8	8		NAS1149D0463J	Washer
8	12	4	MS21042L4	Nut (or MS21042-4)
2	2		QS200M40S	HOSE CLAMP

**PRELIMINARY  
ISSUE**